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CODE for Regular Features:

BR – Book Reviews
Ed – Editorials
LP – Laboratory Practices
Pat – Patent Reviews
PP – Plant Practices
T – Tomorrow in Petroleum Technology
W – Words
WN – What's New

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Aerosol and Smoke Photometer (WN-Lit) . Nov. 1800
API Committee on Disposal of Refinery Wastes; J. H. Easthagen . . . . . May 724
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Arc Welding Electrodes (WN-Lit) . . . . . Oct. 1637
Eliminate Air-Polluting Smoke; Walter R. Smith . . . . . June 876
Has the Finger Been Pointed? . . . . . Oct. 1652
How Mandan Handles Wastes . . . . . Dec. 1880
Sensitive Ultraviolet Analyzer Is Useful in Air Pollution Testing (WN) . . . . . June 949
A Solution to a Hydrocarbon Waste Problem (PP) . . . . . Aug. 1229
Water-Treating Equipment (WN-Lit) . . . . May 794

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Flow Control in Water Treating; George E. Shaffer, Jr . . . . . June 891
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Producing High Melting Point Waxes from Distillation Residue Materials (Pat) . . Apr. 563

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Comprehensive Study on Welding Released (BR) . . . . . July 1107
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CODE for Regular Features:

BR – Book Reviews
Ed – Editorials
LP – Laboratory Practices
Pat – Patent Reviews
PP – Plant Practices
T – Tomorrow in Petroleum Technology
W – Words
WN – What's New

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John Day – A Constructive Leader (Ed) . Nov. 1816
With the WPRA in "San Antone" . . . . . May 694

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Cost Reduction Offered in Line of Stainless Steel Plug Valves . . . . . Oct. 1633
"Couples" Made Fast-Connecting . . . . . Feb. 278
DC Amplifier for Tiny Signals Highly Stable . . . . . June 950
Depth and Groove Location Gage is Adjustable from 0 to 6 3/4 in. . . . . Mar. 432
Device Senses then Transmits Temperatures Pneumatically . . . . . Dec. 1930
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Electronic Vacuum Gage Uses a Sealed Radium Source . . . . . Oct. 1633
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Fast Proportioning Valve Gives Full Travel within 0.5 Seconds . . . . . June 949
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Flow Tube Has Low Head Loss . . . . . May 777
Fluorocarbon Plastic Hose has Temperature Range to 500°F . . . . . Mar. 429
Foam Blanket Keeps Tanks Cool . . . . . July 1114
Gas Oil Distillation Heater Has Low Wattage, Long Life . . . . . Aug. 1269
Graphite Material Withstands Temperatures up to 5700°F . . . . . June 954
Greater Surface-Area Provided in New Internal Fin Tubing . . . . . Apr. 592
Grooved-end Gate Valves Cut Labor Costs in Tank Hook-ups . . . . . May 780
"Guillotine" Pipe Saw Built for Use in on-the-joh Cutting . . . . . Sept. 1468
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Heat Mantle Uses New Fabric to Withstand Rough Handling . . . . . Dec. 1928
Heat Transfer Cement Is Cheaper Than Jacketing . . . . . Nov. 1790
Heavy Duty Ultrasonic Power Generator Speeds Cleaning . . . . . Dec. 1930
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Jacketed Equipment Line Now Includes Threaded Pipe, Fittings . . . . . Feb. 286
Kit Permits Rapid Inspections of Pump Parts, Valve Bodies . . . . . Sept. 1465
Laboratory Furniture Unit Will Handle "King-Size" Glassware . . . . . Apr. 592
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Low Pressure Weld Fittings Are Pre-Cut and Beveled . . . . . Dec. 1933
Mechanical Flow Meter Given "Redesign" for Newer Panels . . . . . Apr. 601
Mechanical Integrator Computes Metered Gas or Liquid Volume . . . . . Dec. 1930
Midget 3-Way Magnetic Valve Handles Gas and Liquid Flow . . . . . Nov. 1786
Midget Vibration Motor Aids in Control of Spatula Dispensing . . . . . Feb. 283
Molded Insulation Developed for Rapid Installation on Fittings . . . . . June 961
More Pressure Makes Tighter Seal . . . . . July 1113
New Air-operated Gun Speeds Application of Refractory Lining . . . . Feb. 278
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New Angle Valves Have Tight Shut-off and Balanced Control . . . . . Aug. 1264
A New Approach to Adsorption . . . . . Dec. 1925
New Arc Welding Machine Will Handle Both AC and DC Work . . . . . July 1116
New Button Head Coupler Is a Help in Lubricating Valves . . . . . Apr. 593
New Catalyst Is Developed for H_2S Removal from Air or Gas . . . . . June 950
New Centralized Unit Controls Continuous Polymerization . . . . . Sept. 1468
New Ceramic Backing Ring for Welding Pipe Easily Removed . . . . . June 952
New Colloidal Mill Design Needs no Cooling Apparatus . . . . . May 781
New Compact Pilot Unit Flexible . . . . . Nov. 1785
New Continuous Gas Analyzer Uses Radioactivity Principle . . . . . Apr. 590
New Continuous H_2S Analyzer Useful in Catalytic Reforming . . . . . Jan. 135
New Controlled Volume Pump's Capacity Is 1/8 to 1350 gph . . . . . June 950
New Cycloidal-Focusing Mass Spectrometer Has High Speed . . . . . Aug. 1266
New Device Measures Film and Oscillograph Records Faster . . . . . Feb. 282
New Die Will Make Possible Infrared Analyses of Solids . . . . . June 952
New Digital Converter Can Handle Wide Variety of Inputs . . . . . June 959
New Drafting Tape Applies Easily but Comes off Cleanly . . . . . Aug. 1262
New Electrical Cable Reel Is Designed for Explosive Areas . . . . . July 1116
New Electronic Computer Has Versatility and Easy Operation . . . . . Apr. 592
New Filling, Crimping Machines Are Air-operated and Automatic . . . . . Mar. 433
New Gyro Basis Flow Meter Reads Mass Flow Directly . . . . . Nov. 1786
New High Alumina Catalyst Is Developed for Fluid Cracking . . . . . Sept. 1468
New Homogenizer Meets All Requirements for the Laboratory . . . . . Mar. 431
New Industrial Liquid Cleaner Purges Fats, Oils, and Greases . . . . . Dec. 1928
New "In-Line" Filter Resistant to Many Corrosive Materials . . . . . Jan. 130
New Larger Size Magnetic Mixing Unit Has Wide Uses . . . . . Oct. 1635
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New Line of Motor Starters is for Hazardous Locations . . . . . June 950
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New Mass Flow Meter Uses Gyro Idea . . . Jan. 130
New Mobile Unit Has Triple Purpose . . . Apr. 589
New Multiple Stream Infrared Analyzer Built for Plant Uses . . . . . July 1125
New, Multi-speed Laboratory Viscometer Has Wide Versatility . . . . . July 1118
New Nozzle Will Dispense Corrosive Chemicals Safely . . . . . Oct. 1624
New "One-Specification" Fitting Covers All Piping Application . . . . . Sept. 1468
New Orifice Design Measures Flows at Varying Viscosity . . . . . Oct. 1622
New pH Meter Accomodates Almost All Range Combinations . . . . . Mar. 431
New Pirani Vacuum Gage Has Range from 1000 to 1 Microns . . . . . Jan. 129
New Plastic Clamp Designed for Plastic Pipe and Insert Fittings . . . . . Feb. 280
New Pneumatic Transmitter Is Available in Universal Design . . . . . July 1114
New Pressure Monitor Designed to give Calibrated Readings . . . . . May 786
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New Pressure Switch Operates in Range from 15 to 10,000 psi . . . . . Aug. 1265
New Pressure Transmitter Has No Stagnant Pressure Lines . . . . . Dec. 1926
New Pressure and Vacuum Switches Are Explosion-proof . . . . . Nov. 1790
New Process Developed to Clad Nickel in Tailored Thicknesses . . . . . Aug. 1262
New Receiver-Integrator Built for Use on Graphic Panels . . . . . May 782
New Regulator Controls Flow of Liquids with Light Solids . . . . . Jan. 136
New Relay Stops Transmission Lags . . . Aug. 1261
New Remote Control "Deadman" Valve is Aid in Sandblasting . . . . . Feb. 281
New Saybolt Viscosimeter Uses Electronic Temperature Control . . . . . Apr. 589
New Sensitive Leak Detector Is Simple Mass Spectrometer . . . . . Dec. 1928
New Single-Solution Karl Fischer Reagent Is Stabilized . . . . . Sept. 1465
New Small Chemical Pump Has Synthetic Rubber-lined Casing . . . . . Mar. 426
New Solution Ceramics Form Corrosion-proof Coatings . . . . . Oct. 1621
New TEL-Aviation Mix Has Lower Blue Dye Concentration . . . . . Feb. 283
New Thickener for Non-Melting Multiple Purpose Greases . . . . . Dec. 1934
New Totally-enclosed DC Motor Has Use in Severe Atmosphere . . . . . Jan. 138
New Transducer Converts Fluid Pressure to Proportional Volts . . . . . Jan. 133
New Transmitter Makes Positive Seal Between Gage and Fluid . . . . . Apr. 590
New "Trickle" Valve Designed as Dig-Leg Seal for "Cat" Unit . . . . . Sept. 1477
New Valve Made of Styrene Polymer . . . Sept. 1466
New Vapor Equivalent Device Useful for Natural Gas Residues . . . . . July 1113
New Water Resistant Insulation of 85% Magnesia Is Developed . . . . . June 961
New X-Ray Spectrophotometer Analyzes 12-Element Samples . . . . . Dec. 1925
Nylon Provides Improvement in Thermocouple Extension Wire . . . . . June 952
Office Size Ammonia-Dry Reproducer Has High Speed . . . . . Oct. 1629
Oil-Immersed Power Outlet Incorporates Safety Interlock . . . . . Aug. 1262
Package Roller Tube Expanders Can Roll Closely Spaced Tubes . . . . . July 1116
Packless Proportioning Pump Provides Pulse-free Flow . . . . . Sept. 1465
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Plastic Insulating Spray Gives Electric or Corrosion Protection . . . . . Nov. 1789
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Porous Metal Filter Designed for Relatively High Capacity . . . . . Mar. 435
Porous Teflon Filter Medium Resists Corrosion and Heat . . . . . Dec. 1926
Portable Flood Light Approved for all Hazardous Area Uses . . . . . May 778
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Pressure Gage and Transmitter Suitable for Outdoor Locations . . . . . Apr. 594
Pressure Regulators Designed for Feed Water Applications . . . . . Sept. 1474
Pressure Sensitive Tape Is Chemical and Heat Resistant . . . . . Dec. 1937
Probe-Type Level Control Is Designed for Liquids to 600 F . . . . . June 949
Proportioning Pump Now Being Offered in Two Capacities . . . . . May 780
Protection Against Toxic Liquids Built into New Safety Pipette . . . . . May 785
Pulse Code System Telemeters Accurate Liquid Level Readings . . . . . Sept. 1465
Pure Asbestos Rope Is Useful for Insulating Curved Surfaces . . . . . Sept. 1466
Push-Button Multiple Component Analyses Are Now a Reality . . . . . Aug. 1270
Recording Spectrophotometer Test Cycle Is Under 2 1/2 mins . . . . . Aug. 1269
Redesigned Melting Point Unit Has an Accuracy of ± 0.5°C . . . . . Apr. 589
Redesigned Metallic Bellows Finds Application as Shaft Seal . . . . . Feb. 280
Remote Control Apparatus Is Operated by Radio or Wire . . . . . Nov. 1797
Reodorants Designed to Mask Odors from Petroleum Refining . . . . . Oct. 1622
Resistance Type Temperature Control Suitable up to 600°F . . . . . Sept. 1470
Rigid Plastic Pipe and Fittings Is 20% of the Weight of Steel . . . . . Jan. 138
Rotary Mechanical Seal Holds High Process Fluid Pressures . . . . . Dec. 1933
Rugged New Thermocouple Features Fast Response . . . . . Dec. 1929
Safe Electric Fork Truck Line Offers Capacities to 5000 lbs . . . . . Apr. 590
Seal-ess Centrifugal Pump Has Guarantee Against Any Leakage . . . . July 1116
Seatless Piston Valve Has Wide Pressure, Temperature Ranges . . . . . Sept. 1470
Selective Infrared Analyzer . . . . . Nov. 1800
Sensitive Ultraviolet Analyzer Is Useful in Air Pollution Testing . . . . . June 949
Shaft Seal Can Be Replaced Quickly on Split-case Pumps . . . . . Aug. 1261
Sheet Aluminum Is Designed for Jacketing Insulated Lines . . . . . May 780
Signal Tab Tells Quickly if it's a Line Blind or a Spacer Ring . . . . . Apr. 590
Simple Design Feature of New Flowmeter for Steam, Gases . . . . . Aug. 1261
Simple Drop Counter Actuated by Photoelectric Cell and Timer . . . . . June 953
Simple New Sulfur Dioxide Gas Detector Has High Accuracy . . . . . Apr. 589
Single-Pan Micro Balance Has High Accuracy at High Speed . . . . . Feb. 284
Single Valve Controls Both Pressure and Temperature . . . . . Nov. 1786
Small Bellows Valves Designed for Mass Spectrometer Work . . . . . July 1121
Small Volume Metering Pump Handles Very Viscous Material . . . . . June 949
Special-Purpose Balance Can Handle Unusual Lab Jobs . . . . . May 777
Spring-clip Device Adapted for Use as Connector for Tubing . . . . . Feb. 285
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Submerged, Controlled Volume Pump has No Leakage Problem . . . . . Mar. 430
Surface Rust Is Converted into Protective Iron Phosphate . . . . . Nov. 1786
Surface Thermometer Attached to Pipe by Spring Clip . . . . . Nov. 1789
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Ultrasonics Used to Clean Small, Complex, and Delicate Parts . . . Sept. 1473
Vacuum Controller Maintains Systems in any Pre-set Range . . . June 957
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Variable-Area Flowmeters Use Arbitrary Scales to Reduce Cost . . . July 1121
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Wall Thickness and Roundness of Tubing Measured by Beta Rays . . . Jan. 132
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Pat – Patent Reviews
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